

Request: \$1,000,000

Project Name: National Center for Advanced Materials Research

Entity Name/Location: National Institute for Aviation Research, Wichita State University, Wichita, KS

The State of Kansas continues to support research programs involving the aviation industry, with the Kansas aviation industry jointly partnered in this project. The funds will allow for the continued operation of the National Center for Advanced Material Performance, so it can take the next step in development of new aerospace vehicles by providing the nation with a localized center for composite and advanced material validation and quality assurance. This research is increasingly important because of the steady growth in the use of composite materials in commercial, military transport aircraft, and rotorcraft. With this growth of composite applications, certification issues have arisen with respect to quality control and quality assurance. The center provides shared-database methodology, addressing material, structural, manufacturing, and repair qualification processes.

Request: \$650,000

Project Name: The Kansas Regional Community Policing Institute at Wichita State University

Entity Name/Location: Kansas Regional Community Policing Institute at Wichita State University, Wichita, KS

The Kansas Regional Community Policing Institute (KSRCPi) was created in May 1997 with a competitive cooperative agreement from the DOJ-COPS Office. Since its inception, it has provided cutting-edge training and technical assistance to law enforcement throughout Kansas. The KSRCPi provides a wide range of training programs, but specializes in issues facing rural police agencies and under-served communities. The KSRCPi provides training both on-site and through distance learning throughout the state in order to improve law enforcement agencies awareness regarding crimes, new practices, emerging issues, and techniques to keep their communities safe. While the training takes an "all crimes" approach, they give special emphasis to issues such as: counterterrorism, the increase in violent crime, re-emerging gangs, drug trafficking, and law enforcement intelligence. The funds would be used for research personnel, laboratory usage and equipment, and further development of the program. KSRCPi has delivered approximately 500 training and technical assistance requests to several thousand law enforcement officers, correctional personnel, social service providers, and community members. The training and technical assistance will be offered without any cost or training fee.

Request: \$1,000,000

Project Name: In-Car Cameras for Police Vehicles

Entity Name/Location: City of Wichita Police Department, Wichita, Kansas

The City of Wichita is working to bring in car camera technology to 175 vehicles in its fleet. These cameras will increase safety and help in addressing crime. This funding will be used to not only equip vehicles, but to also set up the entire system to manage the cameras. Funding will support staff, mobile units at different geographic locations, training, computer hardware, and network connectivity.

Request: \$922,050

Project Name: Salina Bulk Solids Technology Center

Entity Name/Location: City of Salina, Kansas

Funds would be used to establish a center for the study of bulk solids technology. Salina is at the forefront of this type of manufacturing. Bulk solid materials are any loose, dry commodities and ingredients such as grain, flour, salt, chemicals, plastic resin, and recycled plastics. The study of bulk solids handling would enhance the competitiveness of many Salina area businesses. The ability to successfully deal with bulk solids is an ongoing factor for a variety of Salina manufacturers. Unlike liquids and gases, the science of dry bulk solids is not thoroughly understood. The flow of liquids and gases is defined by clearly understood equations and known engineering methods. In contrast, designing a bulk solids material handling system relies on empirical methods (based on observation and experiment) along with rules of thumb handed down from previous mentors. Few Bulk Solids Technology Centers exist in the world. Accordingly, the Salina Technology Center could become a regional, if not national, center for research and improvement.

Request: \$1,000,000

Project Name: Northeast Kansas Regional Automated Fingerprint Identification System (AFIS)

Entity Name/Location: Jefferson County Sheriff's Office, Oskaloosa, Kansas

The funding request would provide local/regional fingerprint and palm print identification capability for Sheriff's Departments and Police Departments in a 23-county region in Northeast Kansas. Funding would be used for purchasing AFIX Tracker automated fingerprint and palm print identification systems, AFIX Verifier single-finger verification systems, and AFIX Identifier 2-finger live capture identification systems, including hardware, software, installation, and training and support for the Sheriff's and Police Departments. The project will provide local law enforcement agencies the ability to share arrest record fingerprints, palm prints, photos, and bio data collected at crimes scenes from across the region. The collaborative effort will help to combat the increasing crime levels, including drug-related and violent offenses. The shared information would serve as a huge asset, since it would provide a collective database of records in a standard format accessible by agencies at local, state, and national levels. This project would also be able to access and use a similar system that was established in Southeast Kansas in 2009.

Request: \$110,000

Project Name: City of Iola Program for At-Risk Youth

Entity Name/Location: City of Iola, Kansas

Due to limited state funding, difficult family situations, and oversized classrooms, many children in rural areas, including Allen County, find themselves in at-risk situations. This results in low achievement in schools and very little opportunities for the future. To combat lack of funding and space, the City would establish a program for pre-k at-risk youth that would reduce the student to teacher ratio and provide activities that will influence positive social behavior. In coordination with Windsor Place nursing home, the Iola School District will establish a pre-k for at-risk children. The program would serve a total of 24 – 28 students, in two sessions, one morning and one afternoon, 5 days per week. Currently the district serves 27 students in an existing program, but has no space or resources for more.

Request: \$200,000

Project Name: Juvenile Separation and Recidivism Reduction Study

Entity Name/Location: Unified Government of Wyandotte County/Kansas City, Kansas located in Kansas City, Kansas

The Unified Government (UG) is seeking funds to support planning and design for a solution to separate youth from adults in the justice system. The current Juvenile Intake and Assessment Center (JIAC) is located in the jail administrative offices. More than 2000 kids from, 0 to 17, are transported to the JIAC by law enforcement each year. Current space limitations restrict the UG's ability to provide the services to those kids that come to the JIAC every year. A purpose built facility will provide the option of best practice services for those kids. It would also allow the removal of all minors from the existing jail complex, which houses the existing Juvenile Detention Center. The best practice models call for more extensive program support for at risk kids. Cognitive behavioral programs to adjust thinking patterns and help kids make better decisions are recommended to help reduce recidivism. Job, school skill building, and support programs increase attachment to school and work and help kids maintain themselves in those areas. The Annie E. Casey Juvenile Detention Alternative Initiative has mapped out the importance of alternatives to detention. As part of the study best practice programs will be identified and tailored to fit the needs of Wyandotte County kids. All funds will be used to fund this study.